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Arapahoe County Births and Deaths 2003

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Selected birth characteristics: Arapahoe county residents, 2003

Characteristic	Number	Percent
Total Live Births	8,025	100.0
Age of Mother		
10-17	239	3.0
18-19	481	6.0
20-29	4,073	50.8
30+	3,229	40.3
Low Weight Births (<2,500 Grams)	758	9.5
Very Low Weight Births (<1,500 Grams)	121	1.5
Prenatal Care Later than 1st Trimester/No Care	1,588	20.3
No Prenatal Care	85	1.1
Preterm Births (<37 Weeks)	755	9.4
Education of Mother <12 Years	1,609	20.0
Live Births to Unmarried Women	2,151	26.8
Smoking During Pregnancy	560	7.0

* indicates one or two events in the category.

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: Arapahoe county residents, 2003

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	8,025	100.0	239	100.0	481	100.0	4,073	100.0	3,229	100.0
Race/Ethnicity of Mother										
White Non-Hispanic	4,447	55.4	70	29.3	179	37.2	2,073	50.9	2,123	65.8
White Hispanic	2,171	27.1	119	49.8	208	43.2	1,262	31.0	582	18.0
Black	880	11.0	43	18.0	78	16.2	498	12.2	261	8.1
Other	526	6.6	7	2.9	16	3.3	240	5.9	262	8.1
Low Weight Births (<2,500 Grams)	758	9.5	36	15.1	59	12.3	345	8.5	318	9.9
Very Low Weight Births (<1,500 Grams)	121	1.5	5	2.1	15	3.1	52	1.3	49	1.5
Prenatal Care Later than 1st Trimester/No Care	1,588	20.3	111	46.8	159	33.9	879	22.1	439	14.0
No Prenatal Care	85	1.1	10	4.2	14	3.0	44	1.1	17	0.5
Preterm Births (<37 Weeks)	755	9.4	34	14.2	51	10.6	344	8.4	326	10.1
Education of Mother <12 Years	1,609	20.0	209	87.4	238	49.5	864	21.2	298	9.2
Live Births to Unmarried Women	2,151	26.8	202	84.5	337	70.1	1,258	30.9	352	10.9
Smoking During Pregnancy	560	7.0	32	13.4	63	13.2	333	8.2	132	4.1

* indicates one or two events in the category.

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Selected birth characteristics by race/ethnicity of mother: Arapahoe county residents, 2003

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	4,447	100.0	2,171	100.0	880	100.0	483	100.0	43	100.0
Age of Mother										
10-17	70	1.6	119	5.5	43	4.9	4	0.8	3	7.0
18-19	179	4.0	208	9.6	78	8.9	12	2.5	4	9.3
20-29	2,073	46.6	1,262	58.1	498	56.6	221	45.8	19	44.2
30+	2,123	47.7	582	26.8	261	29.7	245	50.7	17	39.5
Low Weight Births (<2,500 Grams)	403	9.1	176	8.1	138	15.7	41	8.5	0	0.0
Very Low Weight Births (<1,500 Grams)	56	1.3	27	1.2	33	3.8	5	1.0	0	0.0
Prenatal Care Later than 1st Trimester/No Care	533	12.3	731	34.3	220	25.6	85	18.0	19	46.3
No Prenatal Care	27	0.6	37	1.7	18	2.1	*	*	*	*
Preterm Births (<37 Weeks)	416	9.4	187	8.6	116	13.2	35	7.3	*	*
Education of Mother <12 Years	297	6.7	1,115	51.4	148	16.8	39	8.1	10	23.3
Live Births to Unmarried Women	815	18.3	827	38.1	449	51.0	44	9.1	16	37.2
Smoking During Pregnancy	398	9.0	70	3.2	74	8.4	12	2.5	6	14.0

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births of each race/ethnicity group, excluding cases with specific characteristics unknown.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Live births and fertility rates by age group of mother: Arapahoe county residents, 2003

Age Group	Births	Population	Fertility Rate
All Ages	8,025	115,005	69.8
Teen Age Groups			
13-14	12	7,516	1.6
15-17	227	11,457	19.8
18-19	481	7,563	63.6
10-17	239	30,108	7.9
10-19	720	37,671	19.1
All Age Groups			
10-14	12	18,651	0.6
15-19	708	19,020	37.2
20-24	1,759	15,692	112.1
25-29	2,314	17,681	130.9
30-34	2,077	19,958	104.1
35-39	932	19,830	47.0
40-49	220	45,320	4.9

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Rates are live births per 1,000 female population in each age group.

Population data for 'all ages' are females ages 15-44.

See technical notes at www.cdphe.state.co.us/hs for definitions of data items.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Vital statistics summary: Arapahoe county residents, 1993, 1999-2003

	1993	1999	2000	2001	2002	2003	1999-2003 Annual Average
Total Population	427,470	481,305	491,134	503,846	513,971	520,504	502,152
Total Births							
Number	6,342	6,944	7,330	7,534	7,840	8,025	7,535
Birth Rate	14.8	14.4	14.9	15.0	15.3	15.4	15.0
General Fertility Rate	58.5	61.8	64.9	66.1	68.2	69.8	66.2
Age of Mother 10-17							
Number	191	190	225	219	213	239	217
Percent of Total Births	3.0	2.7	3.1	2.9	2.7	3.0	2.9
Fertility Rate	7.8	6.6	7.6	7.4	7.1	7.9	7.3
Low Weight Births (<2,500 Grams)							
Number	510	583	642	621	737	758	668
Percent	8.0	8.4	8.8	8.2	9.4	9.4	8.9
Prenatal Care Later Than 1st Trimester							
Number	1,017	854	1,128	1,248	1,486	1,588	1,261
Percent	16.3	12.4	15.7	17.0	19.4	20.3	17.1
Births to Unmarried Women							
Number	1,305	1,490	1,637	1,638	2,016	2,151	1,786
Percent	20.6	21.5	22.3	21.7	25.7	26.8	23.7
Mother's Education <12 Years							
Number	635	999	1,151	1,296	1,439	1,609	1,299
Percent	10.4	14.5	15.9	17.4	18.5	20.2	17.4
Infant Deaths							
Number	56	47	53	28	41	44	43
Rate	8.8	6.8	7.2	3.7	5.2	5.5	5.7
Neonatal Deaths							
Number	33	33	38	22	32	36	32
Rate	5.2	4.8	5.2	2.9	4.1	4.5	4.3
Total Deaths							
Number	2,159	2,660	2,753	2,928	2,969	2,897	2,841
Crude Rate	505.1	552.7	560.5	581.1	577.7	556.6	565.8
Age-Adjusted Rate	801.0	771.2	760.4	756.3	739.0	728.6	750.0
Cardiovascular Disease							
Number	694	872	867	924	937	864	893
Age-Adjusted Rate	277.9	266.3	252.5	250.0	242.7	228.3	247.2
Heart Disease							
Number	551	614	589	641	666	586	619
Age-Adjusted Rate	216.0	185.6	168.6	171.1	171.0	153.2	169.4

(Continued)

* indicates one or two events in the category.

Birth rates are per 1,000 total population.

General fertility rates are births per 1,000 females ages 15-44.

Fertility rates for mothers ages 10-17 are births per 1,000 females of this age group.

Infant and neonatal mortality rates are per 1,000 live births.

Other death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths from selected causes by race/ethnicity: Arapahoe county residents, 2003

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian		American Indian	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	2,897	100.0	2,482	100.0	154	100.0	184	100.0	61	100.0	11	100.0
Cardiovascular Disease	864	29.8	749	30.2	39	25.3	51	27.7	18	29.5	5	45.5
Heart Disease	586	20.2	511	20.6	30	19.5	31	16.8	7	11.5	5	45.5
Cerebrovascular Disease	176	6.1	146	5.9	8	5.2	13	7.1	9	14.8	0	0.0
Atherosclerosis	62	2.1	57	2.3	0	0.0	4	2.2	*	*	0	0.0
Malignant Neoplasms	661	22.8	569	22.9	29	18.8	44	23.9	16	26.2	3	27.3
Lung Cancer	159	5.5	138	5.6	5	3.2	10	5.4	5	8.2	*	*
Breast Cancer	59	2.0	48	1.9	*	*	7	3.8	*	*	0	0.0
Chronic Lower Respiratory Disease	159	5.5	152	6.1	*	*	4	2.2	*	*	0	0.0
Unintentional Injuries	159	5.5	124	5.0	17	11.0	10	5.4	8	13.1	0	0.0
Motor Vehicle	39	1.3	23	0.9	8	5.2	6	3.3	*	*	0	0.0
Other Unintentional Injuries	120	4.1	101	4.1	9	5.8	4	2.2	6	9.8	0	0.0
Pneumonia and Influenza	84	2.9	78	3.1	3	1.9	*	*	*	*	0	0.0
Suicide	73	2.5	62	2.5	6	3.9	*	*	*	*	0	0.0
Diabetes Mellitus	63	2.2	45	1.8	3	1.9	11	6.0	3	4.9	0	0.0
HIV Infection	8	0.3	4	0.2	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	37	1.3	29	1.2	4	2.6	4	2.2	0	0.0	0	0.0
Alzheimer's Disease	127	4.4	120	4.8	3	1.9	*	*	*	*	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	44	1.5	43	1.7	0	0.0	*	*	0	0.0	0	0.0
Homicide and Legal Intervention	21	0.7	5	0.2	9	5.8	5	2.7	*	*	0	0.0
Septicemia	32	1.1	25	1.0	*	*	3	1.6	*	*	0	0.0
Congenital Anomalies	13	0.4	10	0.4	*	*	*	*	0	0.0	0	0.0
Perinatal Period Conditions	33	1.1	9	0.4	8	5.2	16	8.7	0	0.0	0	0.0
All Other	519	17.9	458	18.5	26	16.9	25	13.6	7	11.5	3	27.3
Injury by Firearm	60	2.1	41	1.7	8	5.2	7	3.8	*	*	0	0.0
Drug-Induced Deaths	48	1.7	41	1.7	4	2.6	3	1.6	0	0.0	0	0.0
Alcohol-Induced Deaths	36	1.2	29	1.2	3	1.9	4	2.2	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	0	0.0	0	0.0	0	0.0	0	0.0

* indicates one or two events in the category.

Percentages are of total deaths of each race/ethnicity category.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates: Arapahoe county residents, 2003

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	2,897	520,504	5.6
Infant	44	8,025	5.5
Neonatal	36	8,025	4.5
1-4	9	29,100	0.3
5-9	5	35,778	0.1
10-14	11	38,437	0.3
15-19	12	39,171	0.3
20-24	32	32,380	1.0
25-29	27	35,423	0.8
30-34	36	40,618	0.9
35-39	39	39,643	1.0
40-44	74	44,520	1.7
45-49	104	43,356	2.4
50-54	129	38,798	3.3
55-59	139	29,333	4.7
60-64	137	19,103	7.2
65-69	186	13,974	13.3
70-74	254	11,438	22.2
75-79	378	9,515	39.7
80-84	468	6,802	68.8
85+	812	5,256	154.5
1-14	25	103,315	0.2
15-24	44	71,551	0.6
25-64	685	290,794	2.4
65+	2,098	46,985	44.7

* indicates one or two events in the category.

Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Infant and neonatal mortality rates are per 1,000 live births. Other death rates are per 1,000 population of the age group. Population figures for infant and neonatal groups are live births.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates from selected causes by age group: Arapahoe county residents, 2003

Cause of Death	<1		1-14		15-25		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	44	5.5	25	0.2	44	0.6	176	1.1	509	3.9	2,098	44.7
Cardiovascular Disease	*	*	*	*	*	*	24	0.1	116	0.9	720	15.3
Heart Disease	*	*	*	*	*	*	20	0.1	93	0.7	470	10.0
Cerebrovascular Disease	0	0.0	0	0.0	0	0.0	*	*	16	0.1	157	3.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	60	1.3
Malignant Neoplasms	0	0.0	4	0.0	4	0.1	29	0.2	167	1.3	457	9.7
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	26	0.2	131	2.8
Breast Cancer	0	0.0	0	0.0	0	0.0	3	0.0	21	0.2	35	0.7
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	0	0.0	22	0.2	137	2.9
Unintentional Injuries	0	0.0	12	0.1	18	0.3	35	0.2	41	0.3	53	1.1
Motor Vehicle	0	0.0	4	0.0	11	0.2	10	0.1	10	0.1	4	0.1
Other Unintentional Injuries	0	0.0	8	0.1	7	0.1	25	0.2	31	0.2	49	1.0
Pneumonia and Influenza	0	0.0	3	0.0	*	*	0	0.0	5	0.0	75	1.6
Suicide	0	0.0	0	0.0	8	0.1	33	0.2	23	0.2	9	0.2
Diabetes Mellitus	0	0.0	0	0.0	0	0.0	0	0.0	16	0.1	47	1.0
HIV Infection	0	0.0	0	0.0	0	0.0	3	0.0	4	0.0	*	*
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	8	0.0	20	0.2	9	0.2
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	127	2.7
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	4	0.0	39	0.8
Homicide and Legal Intervention	0	0.0	0	0.0	7	0.1	10	0.1	3	0.0	*	*
Septicemia	0	0.0	0	0.0	0	0.0	*	*	5	0.0	25	0.5
Congenital Anomalies	4	0.5	*	*	*	*	*	*	*	*	*	*
Perinatal Period Conditions	33	4.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	6	0.7	3	0.0	3	0.0	29	0.2	82	0.6	396	8.4
Injury by Firearm	0	0.0	*	*	12	0.2	22	0.1	18	0.1	7	0.1
Drug-Induced Deaths	0	0.0	*	*	3	0.0	22	0.1	19	0.1	3	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	9	0.1	23	0.2	4	0.1
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	0	0.0	*	*	0	0.0

* indicates one or two events in the category.

Infant (<1 year) mortality rates are per 1,000 live births

Other rates are deaths per 1,000 population of the age group.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates from selected causes: Arapahoe county residents, 2002

Cause of Death	<1		1-14		15-24		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	41	5.3	19	0.2	52	0.7	208	1.3	554	4.4	2,042	46.7
Cardiovascular Disease	*	*	0	0.0	*	*	27	0.2	153	1.2	733	16.8
Heart Disease	*	*	0	0.0	0	0.0	22	0.1	124	1.0	505	11.6
Cerebrovascular Disease	0	0.0	0	0.0	*	*	4	0.0	24	0.2	144	3.3
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	52	1.2
Malignant Neoplasms	0	0.0	*	*	*	*	23	0.1	184	1.5	441	10.1
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	45	0.4	128	2.9
Breast Cancer	0	0.0	0	0.0	0	0.0	0	0.0	15	0.1	33	0.8
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	*	*	*	*	16	0.1	137	3.1
Unintentional Injuries	*	*	6	0.1	25	0.4	42	0.3	40	0.3	42	1.0
Motor Vehicle	0	0.0	4	0.0	18	0.3	17	0.1	11	0.1	5	0.1
Other Unintentional Injuries	*	*	*	*	7	0.1	25	0.2	29	0.2	37	0.8
Pneumonia and Influenza	0	0.0	*	*	0	0.0	0	0.0	*	*	59	1.4
Suicide	0	0.0	*	*	9	0.1	40	0.2	27	0.2	7	0.2
Diabetes Mellitus	0	0.0	0	0.0	*	*	3	0.0	10	0.1	35	0.8
HIV Infection	0	0.0	0	0.0	0	0.0	7	0.0	6	0.0	*	*
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	11	0.1	10	0.1	11	0.3
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	4	0.0	134	3.1
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	*	*	6	0.0	36	0.8
Homicide and Legal Intervention	*	*	*	*	6	0.1	10	0.1	4	0.0	0	0.0
Septicemia	*	*	*	*	0	0.0	*	*	5	0.0	28	0.6
Congenital Anomalies	13	1.7	0	0.0	*	*	*	*	*	*	*	*
Perinatal Period Conditions	19	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	5	0.6	6	0.1	6	0.1	37	0.2	85	0.7	377	8.6
Injury by Firearm	0	0.0	*	*	10	0.1	25	0.2	18	0.1	4	0.1
Drug-Induced Deaths	*	*	*	*	4	0.1	24	0.1	22	0.2	*	*
Alcohol-Induced Deaths	0	0.0	0	0.0	*	*	9	0.1	24	0.2	8	0.2
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	4	0.0	0	0.0	*	*

* indicates one or two events in the category.
 Infant (<1 year) mortality rates are per 1,000 live births.
 Other rates are deaths per 1,000 population of the age group.
 Source: Health Statistics Section, Colorado Department of Public Health and Environment.

**Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes:
Arapahoe county residents, 2003**

Cause of Death	N	Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	2,897	556.6	728.8	702.9	754.8
Cardiovascular Disease	864	166.0	228.6	213.4	243.7
Heart Disease	586	112.6	153.2	140.7	165.6
Cerebrovascular Disease	176	33.8	47.7	40.6	54.8
Atherosclerosis	62	11.9	17.4	13.0	21.7
Malignant Neoplasms	661	127.0	161.0	148.5	173.4
Lung Cancer	159	30.5	40.2	33.9	46.5
Breast Cancer	59	11.3	13.8	10.2	17.4
Chronic Lower Respiratory Diseases	159	30.5	41.7	35.2	48.2
Unintentional Injuries	159	30.5	34.2	28.8	39.7
Motor Vehicle	39	7.5	7.6	5.2	10.0
Other Unintentional Injuries	112	21.5	25.1	20.3	29.9
Pneumonia and Influenza	84	16.1	22.8	17.9	27.7
Suicide	73	14.0	14.2	10.9	17.5
Diabetes Mellitus	63	12.1	15.8	11.9	19.8
HIV Infection	8	1.5	1.5	0.0	0.1
Chronic Liver Disease and Cirrhosis	37	7.1	7.4	5.0	9.9
Alzheimer's Disease	127	24.4	36.3	30.0	42.6
Nephritis, Nephrosis, Nephrotic Syndrome	44	8.5	11.9	8.4	15.4
Homicide and Legal Intervention	21	4.0	3.9	2.2	5.6
Septicemia	32	6.1	8.2	5.3	11.0
Congenital Anomalies	13	2.5	2.5	1.1	3.9
Perinatal Period Conditions	33	6.3	5.8	3.8	7.8
All Other	519	99.7	133.0	121.5	144.5
Injury by Firearm	60	11.5	11.5	8.6	14.5
Drug-Induced Deaths	48	9.2	8.9	6.4	11.5
Alcohol-Induced Deaths	36	6.9	6.7	4.5	8.9
Work-Related Injury (Y/N Check Death Certificate)	*	*	*	*	*

** indicates one or two events in the category.*

Rates are deaths per 100,000 population.

Crude death rates are calculated without age-adjustment.

Age-adjusted rates are adjusted to the 2000 U.S. standard population using the direct method applied to 10-year age groups.

Age-adjusted rates provide a better basis for comparison among different geographical areas or time periods.

Source: Health Statistics Section, Colorado Department of Public Health and Environment.